IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Bettina Steinmann; Alfred Steinmann)	Attorney Docket No.: USA.353
Title: NANOPARTICLE-FILLED STEREOLITHOGRAPHIC RESINS)	Express Mail Label No.: EU824529412US
Date Filed:)	Customer No.: 022514

MS PATENT APPLICATION

Assistant Commissioner for Patents U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Without admission of prior art effect, Applicants call the Examiner's attention to the references listed on the attached form PTO-1449 pursuant to 37 C.F.R. §1.56 and §1.98. One copy of each reference is enclosed. This Information Disclosure Statement is being submitted prior to the receipt of a first Office Action pursuant to 37 C.F.R. §1.97(b)(3).

It is respectfully requested that the information be expressly considered during the prosecution of this application and that the references be made of record in this application and appear among the "References Cited" on any patent to issue from this application.

The following references are hereby submitted:

- 1. U.S. Patent No. 3,708,296 is made of record.
- 2. U.S. Patent No. 4,751,102 is made of record.
- 3. U.S. Patent No. 4,772,530 is made of record.
- 4. U.S. Patent No. 4,772,541 is made of record.
- 5. U.S. Patent No. 5,002,856 is made of record.
- 6. U.S. Patent No. 5,418,112 is made of record.
- 7. U.S. Patent No. 5,434,196 is made of record.
- 8. U.S. Patent No. 5,972,563 is made of record.
- 9. U.S. Patent No. 6,100,007 is made of record.
- 10. U.S. Patent No. 6,136,497 is made of record.
- 11. European Patent No. 0094915 (US4868288 corresponding with abstract) is made of record.
- 12. European Patent No. 0035969 (US4339567 corresponding with abstract) is made of record.
- European Patent No. 0044274 (US4383025 corresponding with abstract)
 is made of record.
- 14. European Patent No. 0054509 (US4398014 corresponding with abstract) is made of record.
- 15. European Patent No. 0153904 (US4624912 corresponding with abstract) is made of record.
- 16. European Patent No. 0223587 (in English) is made of record.

- 17. European Patent No. 0094914 (Abstract only in English) is made of record.
- European Patent No. 0164314 (Abstract only in English) is made of record.
- 19. European Patent No. 1029651 (English translation) is made of record.
- 20. "Novel Radiation Curable Nanocomposites with Outstanding Material Properties", Christof Roscher, Johannes Adam, Christian Eger & Manfred Pvrlik, Hanse Chemie, RadTech International North America, 2002.
- 21. "Nanotechnology", Hanse Chemie.
- 22. "Nanopox", Hanse Chemie, 2002.
- 23. "Nanocryl", Hanse Chemie, August 2002.
- 24. "Reinforcing Nanoparticles in Reactive Resins", T. Adebahr, C. Roscher and J. Adam, European Coatings Journal, April 2001.
- 25. "Nonagglomerated SiD₂ Nanoparticles", Hanse Chemie, <u>European</u>
 Coatings Journal, October, 2001.
- 26. Rapid Prototyping and Manufacturing, Fundamentals of

 Stereolithography, Paul F. Jacobs, P.H.D., Society of Manufacturing

 Engineers, 1992, pg.270.

The references included on this Information Disclosure Statement form the complete set of references known to the Applicants at this time which are believed to be relevant to the prosecution of the instant application.

	S. DEPARTMENT OF COMMER TENT AND TRADEMARK OFFIC		SERIAL NO. To Be Determined	
	N DISCLOSURE BY APPLICANT	APPLICANT Bettina Steinmann, Alfred Steinmann		
(37 CFR 1.98(b))	Page 1 of 2	FILING DATE	GROUP To Be Determined	

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"10FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT	PUB.	COUNTRY OR PATENT	01.400	SUB-	Translation YES NO
 NUMBER	DATE	OFFICE	CLASS	CLASS	TES NO
EP 0094915 (US4868288 and abstract attached)	11/23/83	Europe			1
EP0035969 (US4339567 and abstract attached)	9/16/81	Europe			
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EP0153904 (US4624912 and abstract attached)	9/4/85	Europe			
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EP1029651 (English translation)	8/23/00	Europe			

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	"Novel Radiation Curable Nanocomposites with Outstanding Material Properties", Christof Roscher, Johannes Adam, Christian Eger & Manfred Pyrlik - Hanse Chemie, RadTech International North America, 2002.
	"Nanotechnology", Hanse Chemie
	"Nanopox", Hanse Chemie, 2002.
	"Nanocryl", Hanse Chemie, August 2002.
	"Reinforcing Nanoparticles in Reactive Resins", T. Adebahr, C. Roscher and J. Adam, European Coating Journal, April 2001
	"Nonagglomerated SiD₂ Nanoparticles", Hanse Chemie, <u>European Coatings Journal</u> , October 2001
	Rapid Prototyping and Manufacturing, Fundamentals of Stereolithography, Paul F. Jacobs, P.H.D., Society of Manufacturing Engineers, Dearborn, MI, 1992, pg. 270

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Respectfully submitted, 3D Systems, Inc.

Dated: legest 14 2003

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